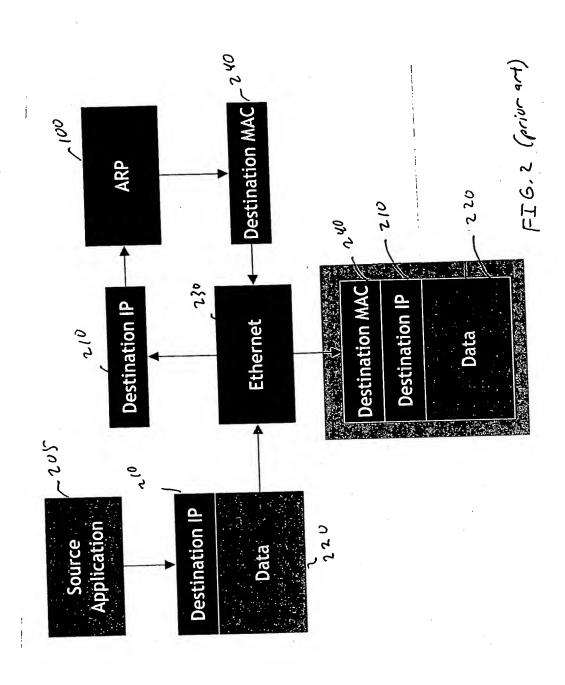
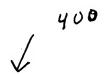
	100	
(10	△ ARP Cache	-120
IP Address	MAC Address	
10.0.0.1	00:00:00:00:01	
10.0.0.2	00:00:00:00:02	* *
10.0.0.3	00:00:00:00:03	

FIG. 1 (prior art)



ARP Message Format						
0 8		16	24	32		
H/W Address Type		Protocol Address Type				
H/W Adr Len	Prot Adr Len		Operation			
Sender's h/w address (6 bytes)						
		Sender's Prot Address (4 bytes)				
}		Ta	rget h/w address (6	bytes)		
			_	•		
	Target Protocol	Addre	ss (4 bytes)			

FIG.3 (prior art)



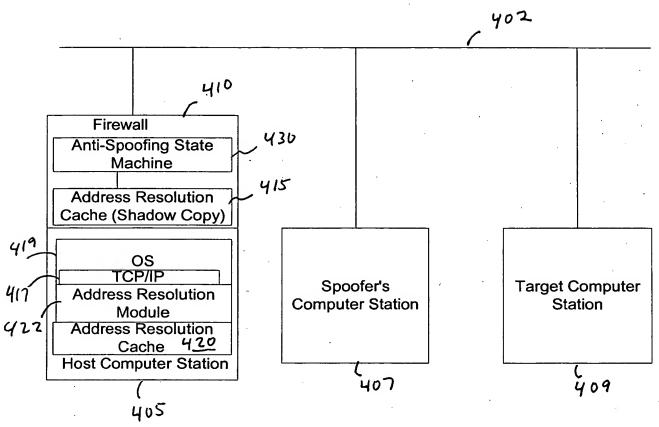


FIG.4

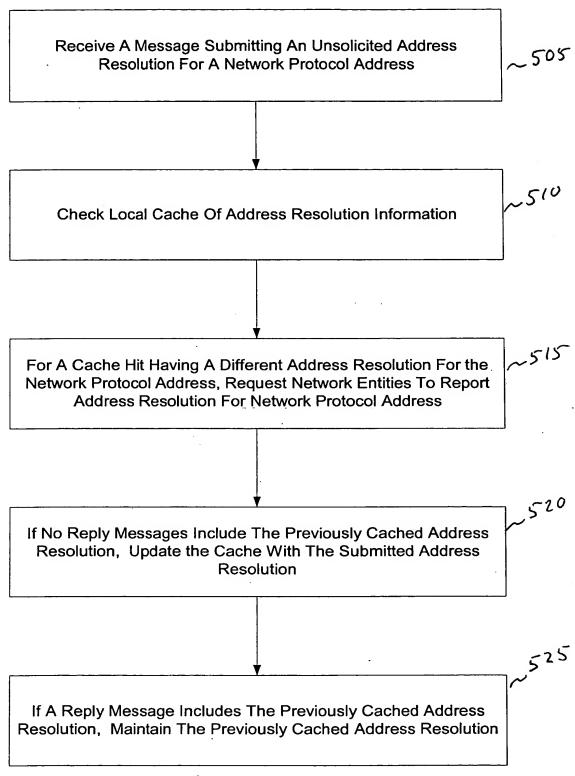
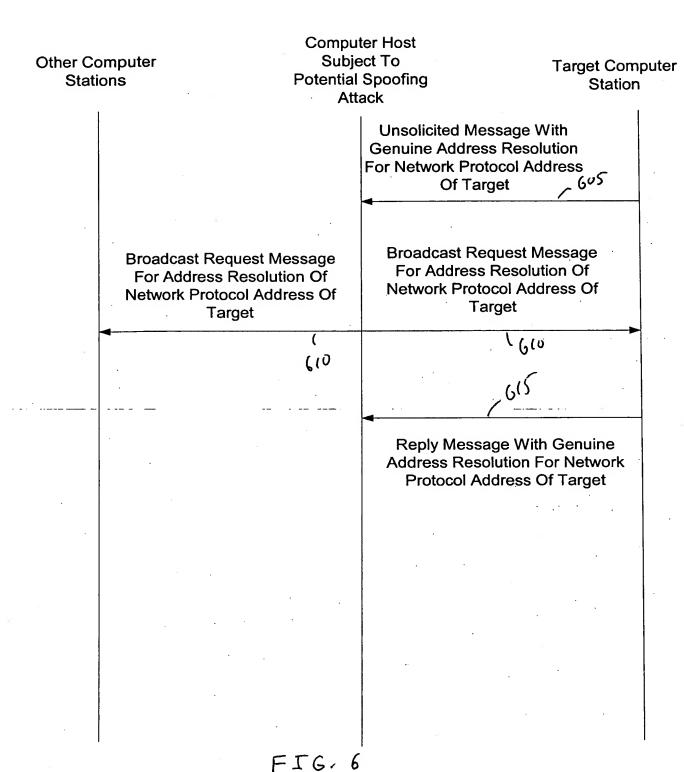


FIG. 5



Spoofer

Computer Host Subject To Potential Spoofing Attack

Target Computer Station

Unsolicited Message With Spoofed Address Resolution For Network Protocol Address Of Target

Broadcast Request Message For Address Resolution Of Network Protocol Address Of Target Broadcast Request Message For Address Resolution Of Network Protocol Address Of Target

710

705

720

715

Reply Message With Spoofed Address Resolution For Network Protocol Address Of Target Reply Message With Genuine Address Resolution For Network Protocol Address Of Target